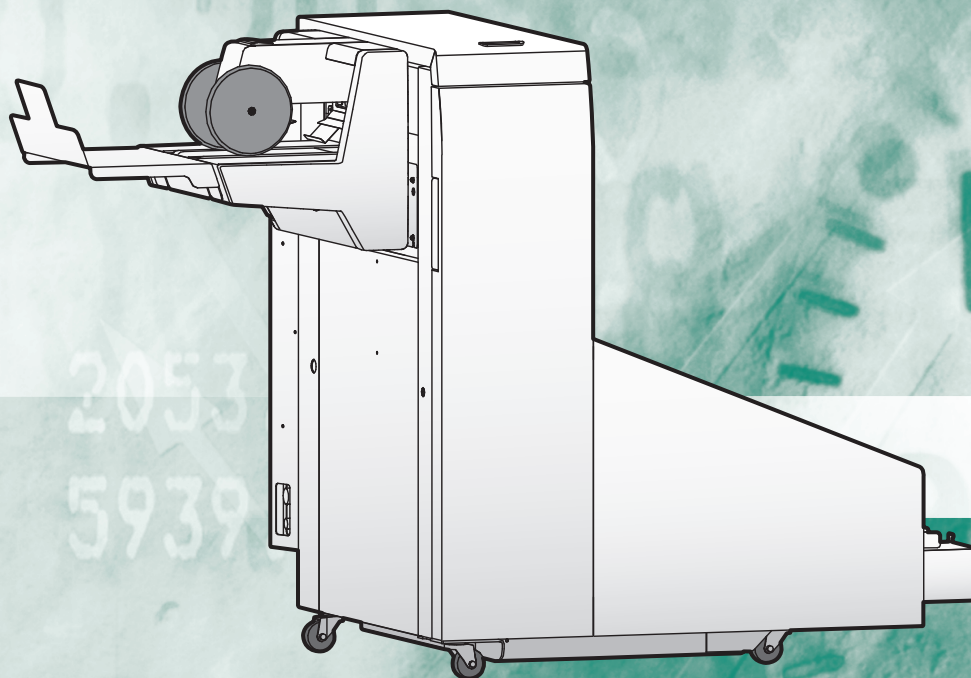




Booklet Trimmer-D1

User's Guide



Please read this guide before operating this product.
After you finish reading this guide, store it in a safe place for future reference.



Structure of the Users Guide

Chapter 1 Before You Begin

Read here first.

Chapter 2 Operating Procedures

Chapter 3 Troubleshooting

Chapter 4 Appendix

Important Information

- This manual is designed to help you to install, operate and maintain the trimmer. Please read and understand this manual, and keep it in a safe and convenient place.
- Do not operate the trimmer until you read and understand the instructions in this manual.
- Canon shall not be liable for incidental, consequential damages resulting from: improper or inadequate maintenance by the customer, unauthorized modification or misuse, or operation outside of the environmental specifications for the product.
- Canon pursues a policy of continuing improvement in design and performance of the product. Therefore, the product design and specifications are subject to change without prior notice and without legal obligation.
- All rights are reserved. No part of this manual may be photocopied, reproduced or translated to another language without the prior written consent of your local authorized dealer.
- This product applies to the CE Marking.





- This manual describes the operating procedures for the booklet trimmer-D1. For trimmer operations set from the host machine (printer), see the operating manual of the host machine (printer.)

Safe Use of Machine

To use this machine safely, proper operation and periodical maintenance are indispensable. Read the safety precautions described in this manual thoroughly, and do not perform operations or maintenance procedures until you understand them completely.

The operating procedures and safety precautions described in this manual are valid only for proper use of this machine. Responsibility for any improper use or operation of this machine, lies with the user.

Safety precautions are indicated in this manual as follows:

 WARNING	Indicates a warning concerning operations that may lead to death or injury to persons if not performed correctly. In order to use the machine safely, always pay attention to these warnings.
 CAUTION	Indicates a caution concerning operations that may lead to injury to persons, or damage to property if not performed correctly. In order to use the machine safely, always pay attention to these cautions.



Important




This symbol indicates the range of acceptable values and operating conditions.










Note

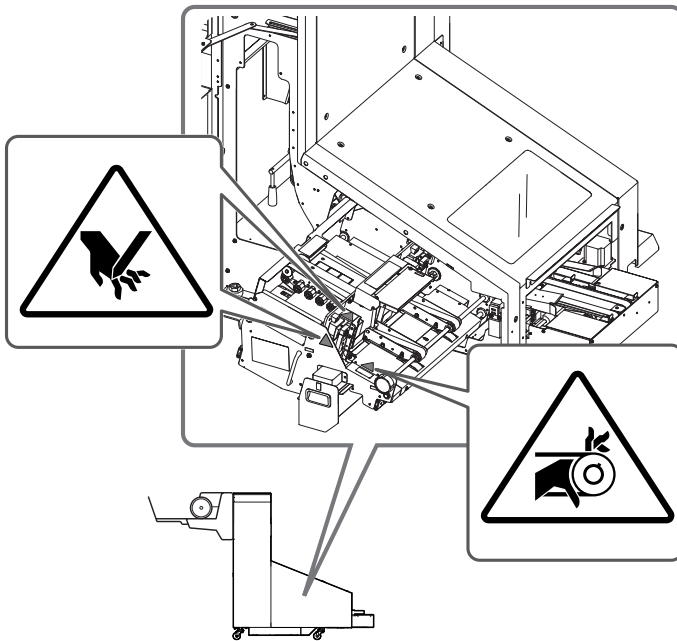
This symbol indicates useful supplementary information for operational procedures.



Operating Safety Precautions

 WARNING	
	When moving the machine, be sure to turn off all of the power switches for the connected equipment, then disconnect the power cord and contact your local authorized dealer. Otherwise, the cord may be damaged and may result in a fire or electric shock.
	Do not remove the safety covers or deactivate the sensor switches for the safety covers. Otherwise, it may lead to severe injury.

 CAUTION	
	When removing jammed booklets from the trim section, take care not to touch the blade. Or when removing jammed booklets from Infeed section, do not put your hands and fingers close to the belt. Otherwise, if the belt drives by some chance, your hands and fingers may be caught.
	This machine weighs about 152 kg (335 lb). When you operate the machine, consider the machine weight and use the machine safely.
	To cut the power on this machine, unplug the power plug on the back of the machine.
	Do not use paper which does not meet the specifications. Otherwise, it may cause paper jams.
	Do not open the covers while machine operation, or the machine will stop and booklets will jam.
	Use this machine at office or commercial environment. Do not use this machine at industrial environment.

Caution Label Locations



	When removing jammed booklets from the trim section, take care not to touch the blade.
	When removing jammed booklets from Infeed section, do not put your hands and fingers close to the belt. Otherwise, if the belt drives by some chance, your hands and fingers may be caught.

FCC NOTICES

NOTICE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at this own expense.

FCC WARNING



Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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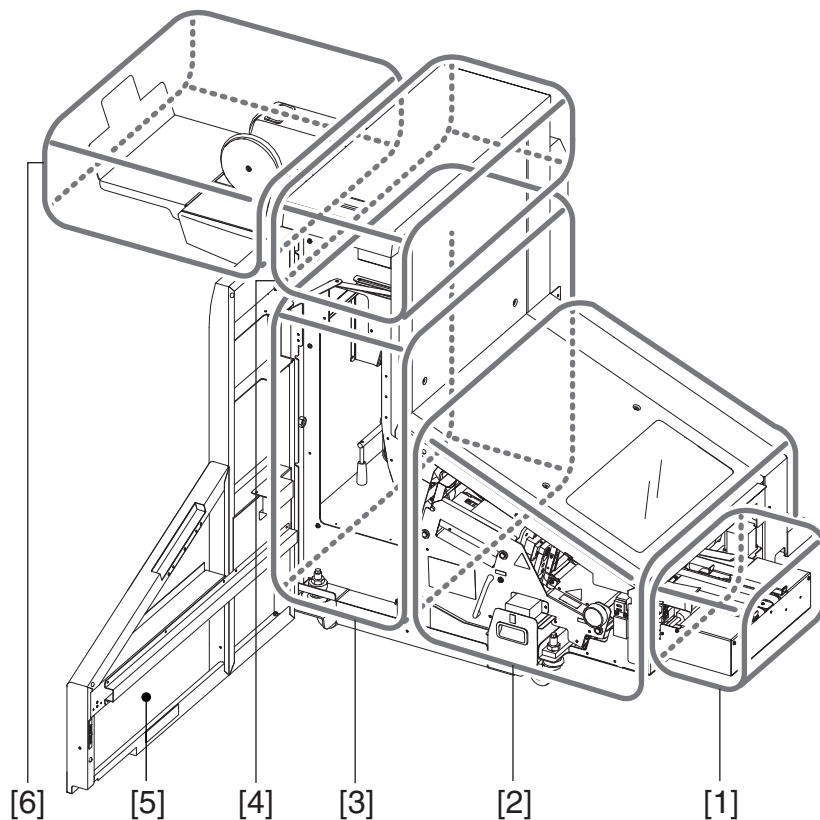
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Machine Description



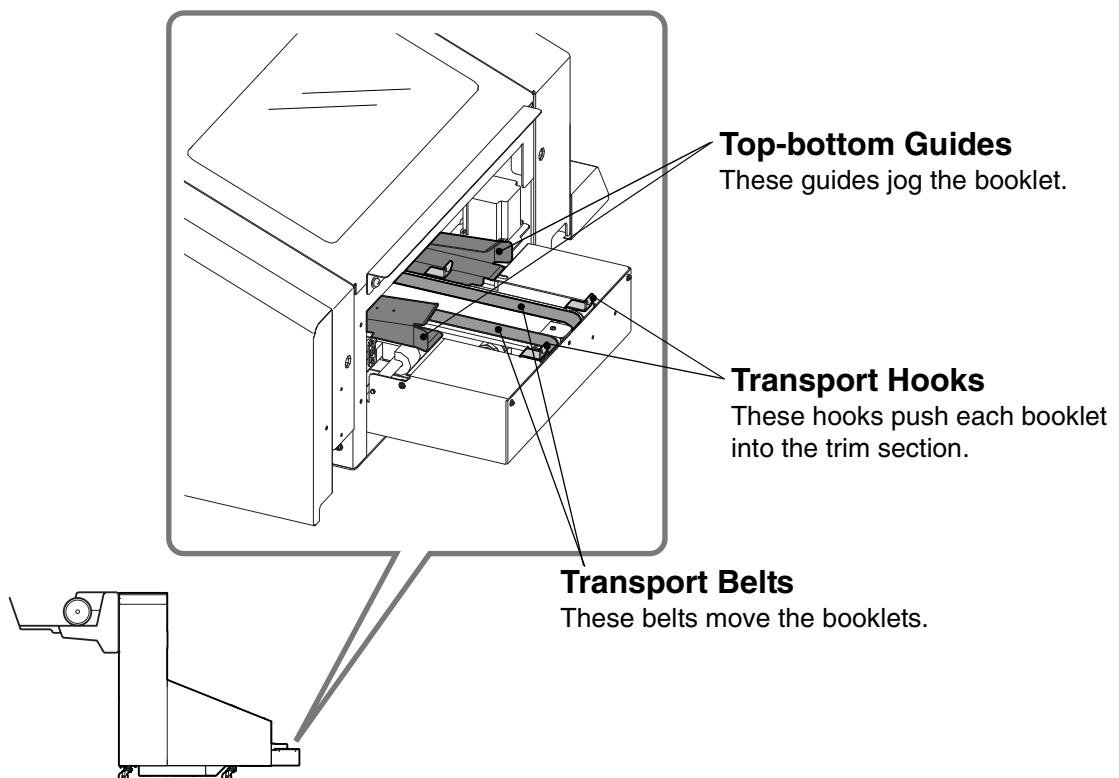
- [1] Infeed Section (See page 1-3.)
- [2] Trim Section (See page 1-4.)
- [3] Booklet Lifter Section 1 (See page 1-5.)
- [4] Booklet Lifter Section 2 (See page 1-6.)
- [5] Front Cover
- [6] Conveyor Section (See page 1-7.)

Section Descriptions

[1] Infeed Section

Booklets delivered from the host machine are received here. The booklets are jogged, and then transported to the trim section.

Once the trimmer is installed, you cannot touch this section. When booklet jams in this section, pull out the trim unit and remove the jammed booklet from the space on the trim unit (See page 1-4.).



[2] Trim Section

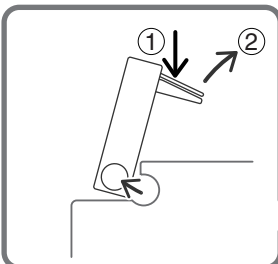
Each booklet delivered from the Infeed Section is trimmed along its fore-edge, and then moved to the booklet lifter section. To pull out the trim unit, hold the green handle.

Trim Section Transport Belt Unit [TC4]

When booklets jam in the trim section, hold the handle with green label and open this mechanism to remove the jammed booklets.

Opening the Transport Belt Unit

1. Hold and press the handle.
2. Open to the right.



Transport Belts

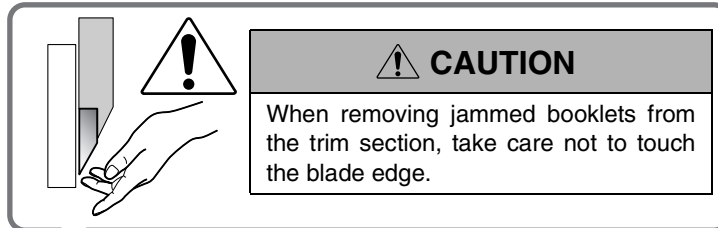
These belts move the booklets.

Handle [TC2]

Hold this green handle and pull out the trim unit.

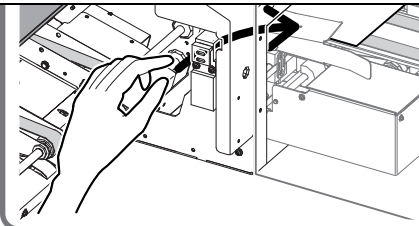
Trimmer Booklet Waste Tray

Trim is collected in this tray. When it is full, the host machine displays an error message. If trim drops off inside the machine when this tray is pulled out, make sure to remove the dropped trim.



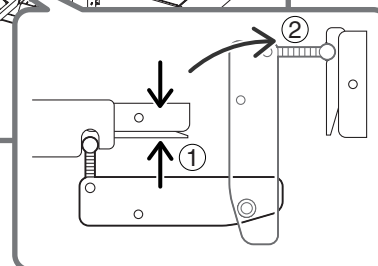
Removing Jammed Booklet in Infeed Section

1. Remove the jammed booklet from the space here.



Trim Section Entrance Transport Belt Unit [TC3]

If a booklets jam in the trim section entrance, hold the green handle and open this mechanism to remove the jammed booklets.



Opening the Transport Belt Unit

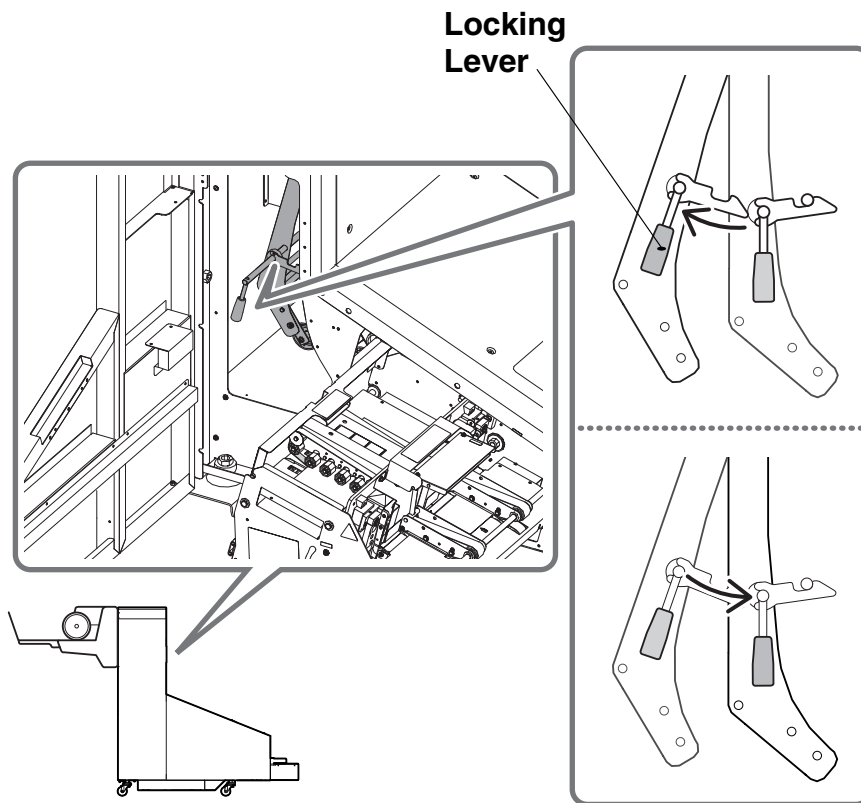
1. Hold and press the handle.
2. Pull to the right.
3. Lift the mechanism up.

Manual Hand Wheel [TC1]

When booklets jam between the Infeed section and the trim section, turn this hand wheel clockwise and transport the booklet completely to the trim section. Then pull out the trim unit and remove the jammed booklet.

[3] Booklet Lifter Section 1

This section lifts each booklet and delivers.



Booklet Lifter Section Belt Unit [TB]

If a booklets jam in the booklet lifter section, hold the green locking lever and open this mechanism to remove the jammed booklets.

Opening the Transport Belt Unit

1. Hold the locking lever.
2. Turn the lever to the left.

Closing the Transport Belt Unit

1. Hold the locking lever.
2. Push the mechanism to the right until it is locked.

[4] Booklet Lifter Section 2

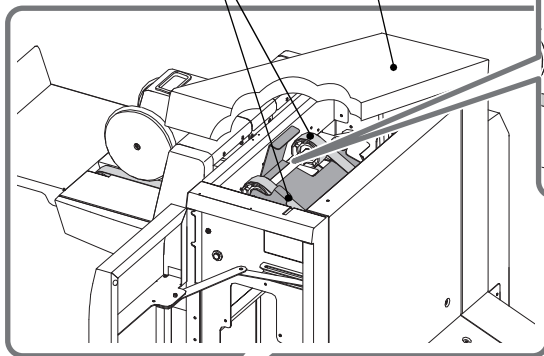
This section delivers each booklet to the conveyor.

Delivery Section Cover

If a booklets jam in the delivery section, open this cover and remove the jammed booklets.

Transport Belts

These belts move the booklets.

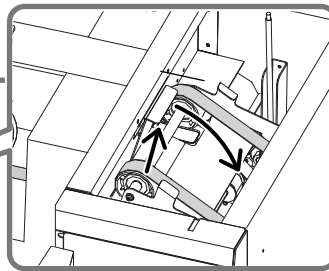


Delivery Section Transport Belt Unit [TA]

If a booklets jam in the delivery section, hold the handle with green label and open this mechanism to remove the jammed booklets.

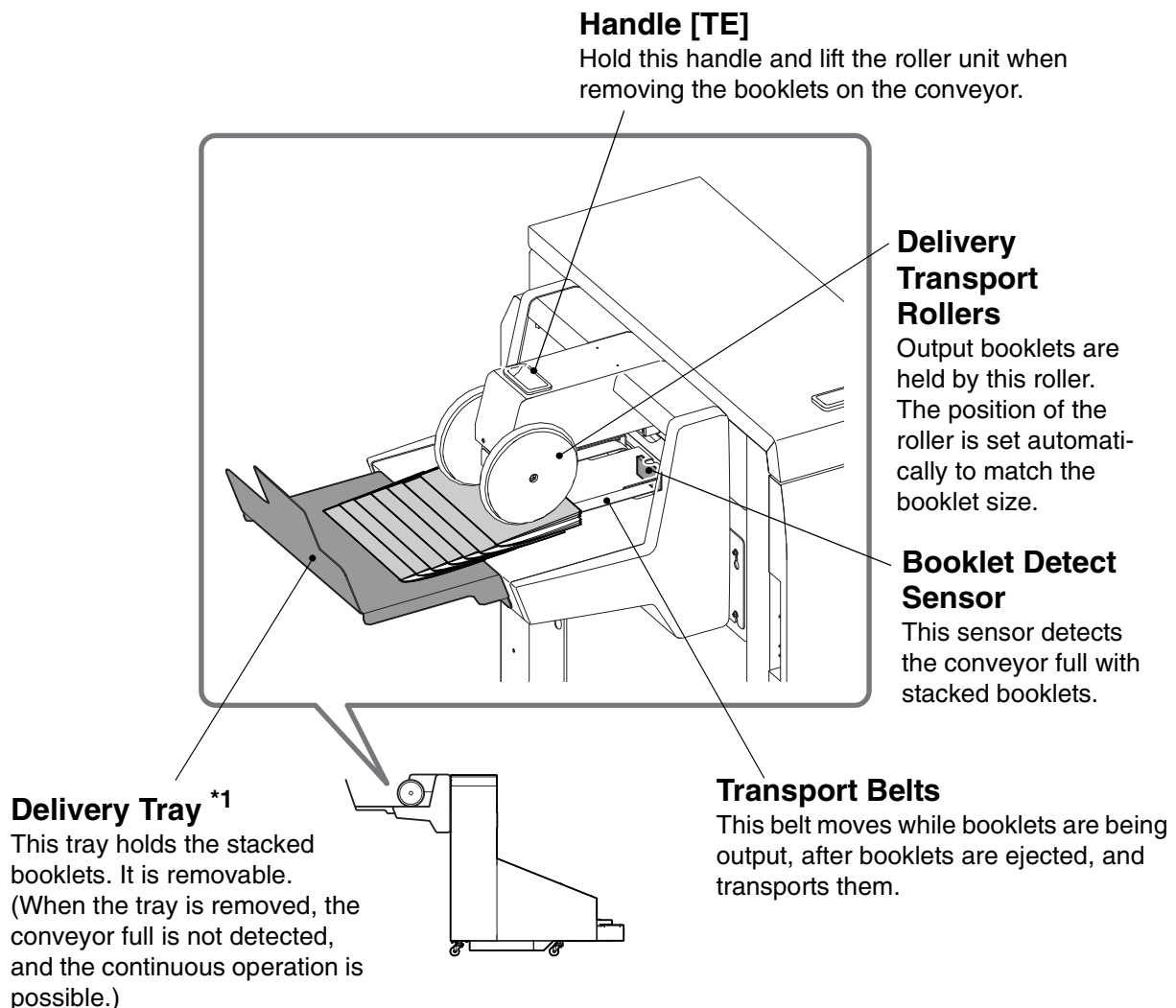
Opening the Transport Belt Unit

1. Lift the handle up.
2. Pull to the right.



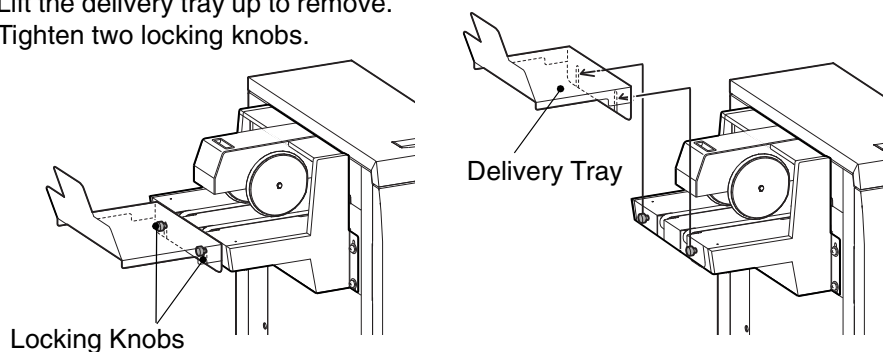
[5] Conveyor Section

The booklets delivered from the booklet lifter section are laid out on the conveyor.

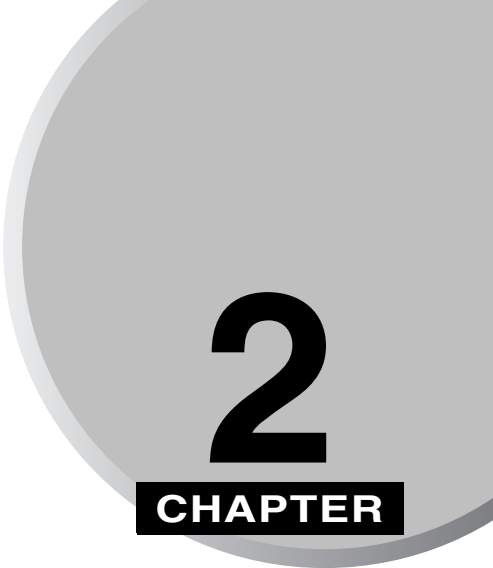


*1 Removing the delivery tray.

1. Loosen two locking knobs.
2. Lift the delivery tray up to remove.
3. Tighten two locking knobs.



Operating Procedures



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Trimmer Setup

-
- 1 Turn on the power switch on the saddle stitcher first, then turn on the power switch on the host machine (printer).**

Trimmer will also be powered on because it is connected to the saddle stitcher.

See the operation manual for the printer and set up the printer.

Operation While Trimming

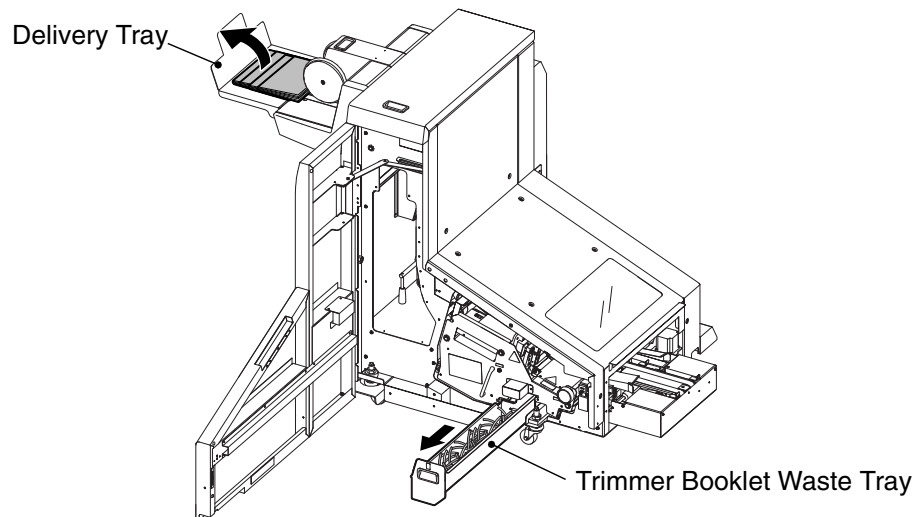
- **When the conveyor is full with booklets, remove the booklets.**

If the machine stops because the conveyor is full, remove the booklets, and the operation restarts automatically.



Note

- If you remove booklets before the conveyor is full, you can increase production efficiency, without interrupting the operation.
- Be careful not to drop the book while removing.



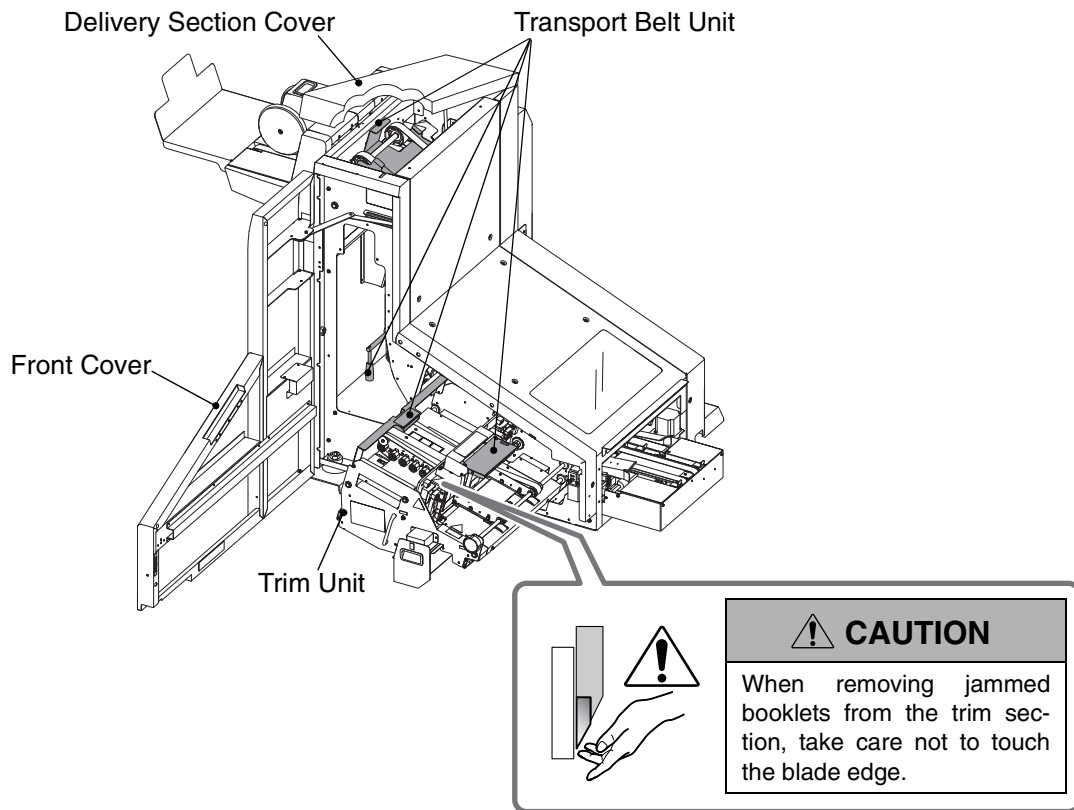
- **When the trimmer booklet waste tray is full, open the front cover, pull out the trimmer booklet waste tray, and empty it.**


If trim drops off inside the machine when this tray is pulled out, make sure to remove the dropped trim.

To reposition the trimmer booklet waste tray, insert until it reaches to the rear end.

Close the front cover, and the operation restarts automatically.

- If a booklets jam, open the cover or mechanism shown below to remove the jammed booklets.



-  **Note** · If the booklets jam frequently, refer to page 3-4 for instructions on correcting the problem.

Troubleshooting

3

CHAPTER

This section describes the cause and solution of the errors.

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Error Messages

When an error occurs and the machine does not work properly, “SERVICE CALL ERROR” appears on the LCD of the host machine (printer). If “SERVICE CALL ERROR” appears, perform as follows:



WARNING

Do not plug in or pull out the power plug with wet hands. It may cause an electrical shock.



CAUTION

When you pull the power plug out, be sure to hold the plug as you do so. If you pull it out by the power cable, it may expose or cut the core wires and cause a leak of electricity, which may result in fire or electrical shock.

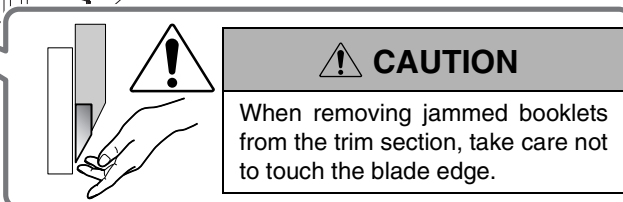
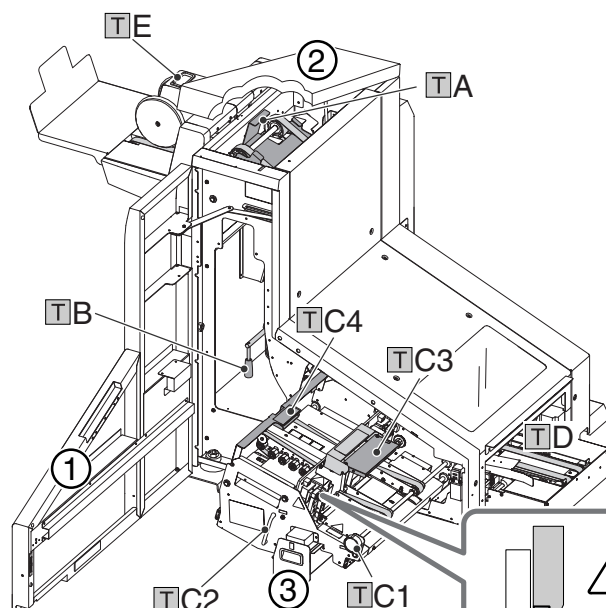
Service Call Error

When the SERVICE CALL ERROR appears on the LCD of the host machine, turn off the power switch of the saddle stitcher and the printer. Wait about 10 seconds, and then turn on the power switch again. If the SERVICE CALL ERROR is still shown on the LCD of the host machine, check the following items, turn off the main power, and disconnect the power plug of the booklet trimmer-D1. Then contact your local authorized dealer.

- Product Name
- State of trouble
- Code number indicated on the touch panel display of the host machine (printer)

Error Message Chart

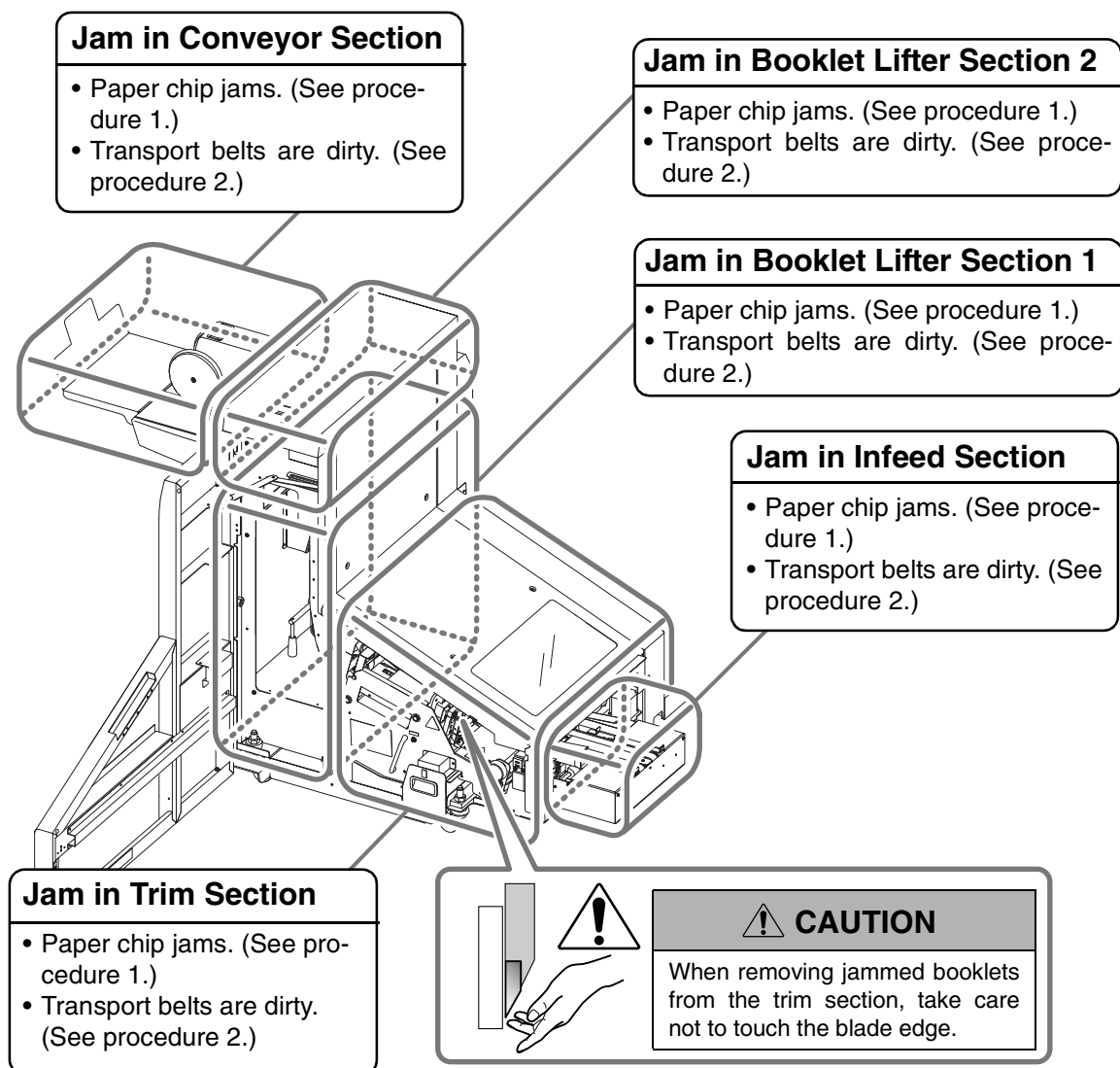
Perform the required remedies according to the error indicated on the host machine (printer).



Cause of Error	Remedy
The delivery section cover is open.	Close the delivery section cover ②.
The front cover is open.	Close the front cover ①.
The trim unit is not inserted correctly.	Hold the handle TC2 and insert the trim unit to the rear end correctly.
The trimmer booklet waste tray is not inserted correctly.	Insert the trimmer booklet waste tray ③ to the rear end correctly.
The conveyor is full.* ¹	Lift the TE handle and remove the booklets from the conveyor.
The trimmer booklet waste tray is full.	Open the front cover ①, pull out the trimmer booklet waste tray ③, and empty it. Reposition the trimmer booklet waste tray ③ and close the front cover ①.
A booklet jam has occurred in TD section.	Open the front cover ① and remove the jammed booklet from the space on the trim unit. Then close the front cover ① to restart the printing.
A booklet jam has occurred in TC section.	Open the front cover ① and turn the TC1 manual handle clockwise to transport the jammed booklet to the trim unit completely, then hold the TC2 handle to pull out the trim unit. Open the TC3 and TC4 transport belt unit, and remove the jammed booklet. Reposition the TC3 and TC4 transport belt unit and hold the TC2 handle to reposition the trim unit. Then close the front cover ① to restart the printing.
A booklet jam has occurred in TB section.	Open the front cover ① and the TB transport belt unit. Remove the jammed booklet, reposition the TB transport belt unit and the front cover ① to restart the printing.
A booklet jam has occurred in TA section.	Lift the TE handle and remove the jammed booklet completely. Open the delivery section cover ② and the TA transport belt unit. Remove the jammed booklet, close the TA transport belt unit and the delivery section cover ② to restart the printing.
Booklet waste exists at delivery section.	

*¹ If this error message appears when the conveyor is not full, trim may exists at the sensor.

Clearing Paper Jams



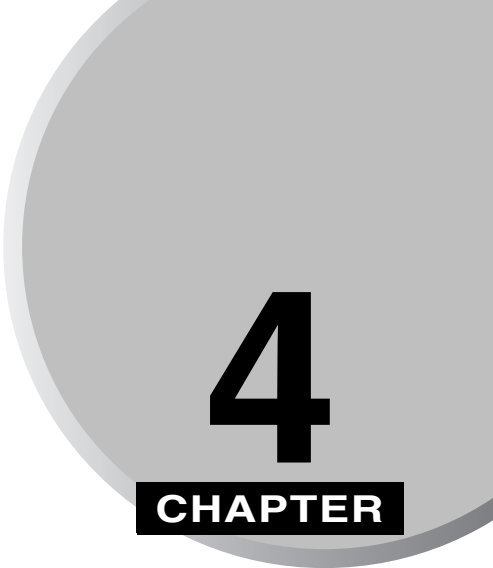
Procedure 1

Open the guide and check to see if there are any paper chips left on the booklet feed path. (See page 3-3.)

Procedure 2

Transport belt cleaning is required. To clean the transport belt, contact your local authorized dealer.

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Specifications

Specifications

Product Name		Booklet Trimmer-D1
Description of Product		Upper knife reciprocating fore-edge trimmer with delivery tray
Maximum Number of Sheets Trimmable *1, *2		50 sheets (80 gsm), 48 sheets (80 gsm) + 2 sheets (300 gsm)
Possible Trimming Size*3		A3, B4, A4R, 13" x 19.2" (330.2mm x 487.7 mm), 12" x 18", 11" x 17", LGL, LTRR, 12.60" x 17.72" (320 mm x 450 mm [SRA3]) (Above sizes are native sheet sizes before half folded.)
Possible Trimming Width		Fore edge : 2 to 20 mm (0.08" to 0.78")
Trimmer Booklet Waste Tray Capacity		Approximately 1,500 sheets of trimmed strip (width 20 mm [0.78"], A4, 80 gsm)
Conveyor Capacity *4		30 booklets (40 sheets of A4 booklet, 80 gsm, 20mm [0.78"] of trimming width)
Machine Dimensions		1,575 (W) x 770 (D) x 1,040 (H) mm (62" x 30 3/8" x 41") (With conveyor section and delivery tray)
Weight		Approximately 152 kg (335 lb)
Installation Space with Host Machine		Installation space differs depending on the connected host machine. Refer to the "Machine Dimension" described on the manual of the host machine, and this machine.
Voltage		From the Finisher
Power Consumption		300 W or less
Maximum Load Current		4 A
Noise Level		70 dBA or less
Environmental	Temperature in Use	Compliant with the specification of the host machine (printer)
	Temperature in Storage	-10 to 40°C (14 to 104°F)
	Temperature in Transportation	-10 to 50°C (14 to 122°F)
	Humidity	Compliant with the specification of the host machine (printer)
	Pressure	608 to 1,013 hPa
	Contamination Level	Pollution Degree 2 (Office environment)

*1 If the cover sheet is thinner than the other sheets in the booklet, the cover sheet may be scratched. It is recommended to use a thicker sheet for the cover sheet.

*2 The maximum number of sheets trimmable can change depending on the connected host machine.

*3 The possible trimming size can change depending on the connected host machine.

*4 When the delivery tray is removed, the conveyor full condition is not detected, and the continuous operation is possible.



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CANON INC.

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501, Japan

CANON U.S.A., INC.

One Canon Plaza, Lake Success, NY 11042, U.S.A.

CANON CANADA INC.

6390 Dixie Road Mississauga, Ontario L5T 1P7, Canada

CANON EUROPA N.V.

Bovenkerkerweg 59-61 1185 XB Amstelveen, The Netherlands

(See <http://www.canon-europe.com/> for details on your regional dealer)

CANON LATIN AMERICA, INC.

703 Waterford Way Suite 400 Miami, Florida 33126 U.S.A.

CANON AUSTRALIA PTY. LTD

1 Thomas Holt Drive, North Ryde, Sydney, N.S.W. 2113, Australia

CANON CHINA CO., LTD

15F Jinbao Building No.89 Jinbao Street, Dongcheng District, Beijing 100005, China

CANON SINGAPORE PTE. LTD.

1 HarbourFront Avenue #04-01 Keppel Bay Tower, Singapore 098632

CANON HONGKONG CO., LTD

19/F., The Metropolis Tower, 10 Metropolis Drive, Hunghom, Kowloon, Hong Kong